TOTAL RA Bill 1 month 012-22-000005

D-2

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No Annual maintenance & street lights package D-2 in Sathahalli 689585
Surrounding Area ward No 12 D2

Name of work ..... From 01-05-2023 To 31-05-2023

Name of Contractor of nature of Agency M/s Chikkanna G (CHETHAN Electricals)

Date of commencement of work CE/EE/02/Tend/WO/000002/2022-23 04/04/2022
EE/EE/D2/Tend/SWO/28/2022-23 24/03/2023

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1	Operation & Maintenance of Street lighting system incl uding replacement of damaged/failed/fused/defective components like lamps, Tubes, chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and Switching ON/OFF of Street lights at specified timing & pole numbering, Preparing wardwise, Streetwise Data bank for lighting maintenance reports, everyday etc, complete soas to ensure efficient burning of Street lights detailed in tender documents for various type of Street lighting systems as detailed below 36/40W fluorescent tube light Street lighting system.	20 Nos	@ 57.12	1	1 Months	=	1142-40

Assistant Engineer (Ele)
Bruhath Bangalore Mahanagara Palike

ASST. EXECUTIVE ENGINEER
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2.	Operation & Maintenance of Street lighting System including replacement of damaged/failed/fused/defective components like Lamps, Tubes, chokes, Ignitors, capacitors, Switches, Holders, Starters and switching ON/OFF of street lights at specified timing and pole numbering, Preparing ward wise, Street wise data bank, furnishing maintenance reports, Everyday etc, complete SOR as to ensure efficient burning of Streetlights detailed in tender documents for various type of street lighting Systems as detailed below 1250 HPMV Park lighting System						
		68 Nos	x Rs 62.02	x 1/month	=		4285.36
3.	Operation & maintenance of Street lighting System including replacement of damaged/failed/fused/defective components like Lamps, Tubes, chokes, Ignitors, capacitors, Switches						

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Assistant Engineer (Ele)

M. A. R. 57 (Rule 116) No. E 689586
Measurement Book

Serial No. _____
Name of work _____ From _____ To _____
Name of Contractor of nature of Agency _____
Date of commencement of work _____

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
—	Nos, Holders, Starters and Switching ON/OFF of Street lights at Specified timing and pole numbering, Preparing ward wise, Street wise data bank, furnishing maintenance reports, everyday etc, complete SOR as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below Poles with 250W HPSV Street lighting System						
		1884 Nos	x Rs 84.95	x 1/month	=		160045.80
4	Operation & Maintenance of Street lighting System including replacement of damaged/failed/fused/defective components like Lamps, Tubes, chokes, Ignitors, Capacitors, Switches						

EE (Ele)
DZ

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Assistant Engineer (Ele)
Bruhath Bangalore Mahanagara Palike

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
-	wires, Holders, Starters, and at Specified timing & pole numbering, Preparing Landwise Street wise data bank, furnishing maintenance reports every	Switching ON/OFF of Street lights					
4	day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lightings systems as detailed below 400watts HPSV Street light/ High mast lighting system.						
			132.00	x 8	93.17	x 1 month =	12298.44
5	Operation & Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB Surge protective device, Switches, wires, Holders, Starter Observing weather proofing - technic confirming to IP 65 Standards and Switching ON/OFF of street lights at specified timing and pole numbering, Preparing and wise street wise street light data bank, furnishing maintenance						

Assistant Engineer (Ele)
Bruhath Bangalore Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

M. A. R. 57 (Rule 116) No. E 689587
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 watt to 40 watt LED path	Street lighting system					
			5.00 x	8 73.33 x	1 month	=	366.65
6.	Operation & Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, Surge protective device, Switches, wires, Holders, Starter Observing weather proofing technic confirming to IP 65 Standards, and Switching ON/OFF of street lights at specified timing and pole numbering, Preparing and wise, Street wise street light data bank, furnishing maintenance reports, every day etc complete so as to ensure						

Assistant Engineer (Ele)
Bruhath Bangalore Mahanagara Palike

ASST. EXECUTIVE ENGINEER
Bruhath Bangalore Mahanagara Palike
Zone, Bangalore

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	efficient burning of street lights detailed in tender documents for 40 watt to 65 watt LED Street light lighting System	185 Nos	X 1	95.61	X 1 Month =		17401-02
7.	Operation & maintenance of LED Street light system including replacement of damaged/failed/fused out components like LED drivers, MCBs, surge protective devices, switches, wires, holders, starter, covering, weather proofing tapes, earthing to IP65 standard, switching ON/OFF of street lights at specified time and pole numbering, preparing database, Street wise Street light database, furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 190 LED Street light lighting System.	55 Nos	X 1	114.00	X 1 month =		6314-00 201853.67

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

M. A. R. 57 (Rule 116)
Measurement Book

No. E 689588

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency. .....
Date of commencement of work. .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1)	GST	18%	Deduction		12% (a)	201853.67
	(2)	GST	18%	Add		18% + (b)	24332.44
	(3)	GST	6%	Add previous bill		06% + (c)	177631.23
	(4) For ASST EXECUTIVE ENGINEER (Ele) Bruhath Bangalore Mahanagara Palike Dasarahalli Zone Maintenance & Streetlight for period 01-05-2023 to 31-05-2023						31973.62
							10657-97
						(a+b+c)	220262-72
	(5) 2% deduction for released scrap item					(-)	1900-00
							4405 25
	(6) certificate (1) The above said maintenance work has been carried out satisfactory (2) The amount claimed in this bill has not been claimed in any of the previous bill						213957.47

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited and admitted for Rs. 220263/-						
	Passed by Cheque for Rs. 205184/-						
	(Two lakh five thousand one hundred						
	Eighty four only)						
	by adjustment Rs. 15079/-						
	Accounts Superintendent Exe. Engineer (E&M)						
	B.B.M.P. Dasarahalli Division						

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